

Table 11a: "Before" Travel Time Studies-Pioneers Boulevard (56th Street-33rd Street)

"BEFORE"	AM Peak 7:00 AM – 8:30 AM		Midday 11:00 AM – 1:00 PM		PM Peak 4:00 PM – 6:00 PM	
Date of Study Day 1: Day 2:	Wed., 2/16/00 Thur., 2/17/00		Wed., 2/16/00 Tue., 2/22/00		Wed., 2/16/00 Thur., 2/17/00	
Travel Time Statistic	EB	WB¹	EB ²	WB ²	EB	WB¹
Average Travel Time (sec)	231.0	190.7	213.8	184.4	267.1	206.9
Standard Deviation (sec)	24.3	34.2	18.5	26.1	37.6	25.6
Average Number of Stops	2.2	1.1	1.7	1.2	2.7	2.1
Average Speed (mph)	23.3	28.1	25.2	29.0	20.1	25.9
Standard Deviation (mph)	2.6	4.5	2.3	3.9	2.9	3.6
95% Confidence Interval (mph)	1.7	2.9	1.2	1.9	1.6	2.0
Average Speeds Within This Range (mph) ³ Lower Limit: Upper Limit:	21.6 25.0	25.2 31.0	24.0 26.4	27.1 30.9	18.5 21.7	23.9 27.9
Time Duration Below: 0 mph 7 mph 28 mph	39.1 50.8 107.1	10.8 19.0 62.2	30.1 39.6 81.6	12.7 19.1 50.9	68.0 84.1 142.3	25.0 36.6 75.9
Average Delay (sec)	77.4	37.7	60.1	31.6	113.4	54.1
Number of Runs	12	12	16	18	15	15
Length (feet)	7,887	7,854	7,892	7,846	7,890	7,846

¹Bolded direction indicates the direction of traffic which is favored by signal timings.

²Neither direction is significantly favored by existing signal timings.

³Limits of the range of average speed calculated based on the 95% confidence interval.

Note: Posted Speed Limit: 33rd Street – 56th Street = 35 mph

Ideal Travel Time = 153.3 seconds (2 minutes 33.3 seconds)

